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GD		09-170914	6/30/97	Japan							
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INFORMATION DISCLOSURE CITATION (L)se several sheets if necessary)				Docket Number (Optional 16997	Application Number 10/650,590						
				Applicant(s) Kazuhiko Arai et al.							
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UNFORMATION DISCLOSURE CITATION (Useseveral sheets if necessary)				Docket Number (Optiona 1699	Application Number 10/650,590						
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GD		EP 1 193 646 A2	4/3/2002	EPO		·——					
GD		5-256627	10/5/1993	Japai	n.						
GD		2 835 603	8/8/2003	Franc	ce						
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